



1220ASCM
Fixed-tuned PBR220 for elliptical waveguide 220

POWERED BY



General Specifications

Body Style	Straight, fixed-tuned
Interface	PBR220
Waveguide Size	WR42 WG20 R220
Brand	HELIAX®
Material Type	Brass

Electrical Specifications

Operating Frequency Band	21.2 – 23.6 GHz
Insertion Loss, typical	0.01 dB
Peak Power, maximum	8.60 kW @ 22.40 GHz

Mechanical Specifications

Attachment Method	Tab-flare Tool-flare
Inner Contact Plating	Unplated
Outer Contact Plating	Unplated
Pressurizable	Yes

Dimensions

Length	61.47 mm 2.42 in
Transition Length	33.02 mm 1.30 in
Weight	0.30 kg 0.66 lb
Width	39.88 mm 1.57 in

Environmental Specifications

Operating Temperature	-55 °C to +85 °C (-67 °F to +185 °F)
Storage Temperature	-55 °C to +85 °C (-67 °F to +185 °F)

Regulatory Compliance/Certifications

Agency	Classification
RoHS 2011/65/EU	Compliant by Exemption
China RoHS SJ/T 11364-2006	Above Maximum Concentration Value (MCV)
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system



* Footnotes

Insertion Loss, typical 0.05√freq (GHz) (not applicable for elliptical waveguide)